

<p>98-323638/29 D21 HENK 96.12.07  HENKEL KGAA *DE 19650952-A1  96.12.07 96DE-1050952 (98.06.10) A61K 7/48  <b>Skin, body or hair care products - comprise separate aqueous and oil phase components squeezed out together as single strand from tube dispenser</b>  <b>C98-099623</b>  Addnl. Data: HEIDE B, BORDAT P</p>	<p>D(8-B3, 8-B9A)</p>
<p>Skin or body care product comprises two separate plastic flowing components filled into a tube, from which they can be pressed out together as a parallel, concentric or striped strand containing both components. The first component comprises a continuous aqueous phase and the second component comprises a continuous oil phase.</p> <p><u>USE</u>  The product is a two phase skin cream. Hair care products can also be formulated.</p> <p><u>ADVANTAGE</u>  The products form an attractive (e.g. different coloured) product strand, and different active substances that normally react with each other or become deactivated over long periods of storage can be</p>	<p>applied to the skin.</p> <p><u>PREFERRED PRODUCT</u>  The two phases are differently coloured or pigmented. The aqueous phase is an aqueous gel or an oil-in-water (O/W) emulsion and the oil phase is a thickened oil or a water-in-oil (W/O) emulsion. The two phases have a flow limit of 50-500 Pa at 20°C.</p> <p><u>EXAMPLE</u>  An O/W carrier creme comprising 8 wt.% stearic acid, 1.5 wt.% cetyl/stearyl alcohol, 2 wt.% ethoxylated (20 moles EO) cetyl/stearyl alcohol, 5 wt.% 2-octyl dodecanol, 3 wt.% cera alba, 10 wt.% paraffinum liquidum, 0.3 wt.% p-hydroxybenzoic acid propyl ester, 2 wt.% tocopheryl acetate, 1 wt.% benzophen-3-one, 5 wt.% propylene glycol, 5 wt.% glycerine, 0.3 wt.% p-hydroxybenzoic acid methyl ester, 0.3 wt.% triethanolamine and balance H<sub>2</sub>O was filled into a tube dispenser according to DE-A-3841775, along with a W/O strip creme comprising 8 wt.% 'Dehymuls F' (TM), 5 wt.% shea butter, 10 wt.% petrolatum, 5 wt.% paraffinum liquidum, 0.3 wt.% methyl parabenem,  DE 19650952-A+</p>

2 wt.% tocopheryl acetate, 5 wt.% propylene glycol, 0.5 wt.% MgSO<sub>4</sub>, 1 wt.% phenoxyethanol, 0.5 wt.% Acid Orange 24 and balance H<sub>2</sub>O.  
The tube, which had a capacity of 125 ml, was filled with 118 ml of the O/W (day) creme and 7 ml W/O (night) creme. Squeezing the tube expelled a square strand of O/W creme with an orange coloured strip of W/O creme along one edge of the strand. The phase boundary between the strand and strip remained stable for 4 weeks. (TF)  
(3pp2382DwgNo.0/0)

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<p>2000-377537/33 B05 D21 E31 (E24) <b>HENK 1998.11.24</b>  HENKEL KGAA  1998.11.24 1998-1054086(+1998DE-1054086) (2000.05.25) A6TK 7/16  <b>Non-bleeding striped toothpaste includes red or yellow iron oxide pigment and/or red organic pigment</b>  <b>C2000-114423</b>  Addnl. Data: LEINEN H, PUJOL GALIANO M, CARBO M R</p>	<p>B(3-A, 5-A3A, 5-B2C, 10-C4D, 10-D3, 10-H1, 12-M2A, 12-M9) D(8-B8) E(21-C10, 21-C16, 25, 31-P2D, 35-U2) .7</p>
<p><b>NOVELTY</b>  Toothpaste comprises at least two separate plastic-flowing components that can be extruded from a container together in the form of parallel, concentric or striped strands.</p> <p><b>DETAILED DESCRIPTION</b>  Toothpaste comprises at least two separate plastic-flowing components that can be extruded from a container together in the form of parallel, concentric or striped strands The toothpaste also comprises a polishing agent in an aqueous carrier containing humectants and surfactants. At least one of the components is colored with a water-insoluble iron oxide pigment selected from Pigment Red 101 and Pigment Yellow 42 and/or with an organic pigment selected from Pigment Red 4, 5 or 181.</p>	<p><b>USE</b>  None given.</p> <p><b>ADVANTAGE</b>  There is no color transfer between the strands as they are extruded from the container.</p> <p><b>EXAMPLE</b>  The base composition for a two-component toothpaste comprised (wt.%): 70% sorbitol (28.6), glycerol (2), polyethylene glycol 1500 (2), Sident 8 SPLS silica (12), Sident 22 S silica (8), Sipernat 320 DS silica (1), titanium dioxide (1), sodium phosphate (0.45), sodium fluoride (0.32), sodium saccharin (0.2), xanthan gum (0.8), sodium lauryl sulfate (1.35), calcium glycerophosphate (0.13), mineral salts (0.309), Triclosan (0.1), vitamin A palmitate (0.02), 50% D-panthenol (0.5), flavor (1) and water (to 100). One of the components also contained Pigment Red 4 (0.02) and Pigment Yellow 42 (0.05).</p> <p style="text-align: right;">DE 19854086-A+</p>

<p><b>TECHNOLOGY FOCUS</b>  Pharmaceuticals - Preferred Toothpaste: One of the components is colored and the other is uncolored or contains a white pigment, the composition of the components being otherwise largely the same, especially comprising 10-30 wt.% silica polishing agent, 30-60 wt.% humectant and 0.1-2 wt.% binder. The colored component contains 0.001-0.1 wt.% pigment, especially a combination of red and yellow pigments giving an orange color. At least one of the components contains 0.01-1 wt.% of a halogenated diphenyl ether, 0.05-5 wt.% panthenol or a pantothenate salt and/or 0.001-0.1 wt.% of a retinol ester.  (7pp367DwgNo.0/0)</p>	<p style="text-align: right;">DE 19854086-A</p>
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